

Test Report

No. 2063601/JL

Date: Jul 13 2007

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CHAN-SI INTERNATIONAL CO., LTD.
QISHA IND. ZONE, SHATIAN TOWN, DONGGUAN CITY,
GUANGDONG PROVINCE, CHINA

The following sample was submitted and identified on behalf of the client as SILICONE KITCHENWARE.

SGS Job No.

2419748

SGS Ref. No.

SZTYR070720114/LP

Country of Origin Country of Destination CHINA

Sample Receiving Date

EUROPE JUL 04 2007

Testing Period

JUL 05 - 13 2007

Test Requested

In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 and BFR recommendation.

1) Sensorial examination odour and taste test.

2) For material: silicone rubber - Extractable components test.

 For material: silicone rubber – Organotin content (Monobutyltin, Dibutyltin, Tributyltin, Tetrabutyltin, Triphenyltin, Mono-octyltin, Di-octyltin).

4) For material: silicone rubber - Peroxide value.

For material: silicone rubber – Volatile Organic Matter (VOM).

Test Method

1) Robinson's test with reference to DIN10955:1983 (2003).

 With reference to 61st Communication on testing of plastics in Bundesgesundheitsbl 46 (2003) 362.

Solvent extraction followed by analysis using Gas Chromatography
 Spectrometry

With reference to European Pharmacoepia, 1997, p.173.

 With reference to LMBG BfR Part B Part II Section XV, May 2003 and LMBG section 35 B80.30 1(EG).

Test condition: 100°C, 2 hours.

Test Results

Please refer to the next page.

Conclusion

When tested as specified, the submitted sample complies with the permissible

safety limit as specified in LFGB, Section 30 & 31.

Signed for and on behalf of SGS Hong Kong Ltd.

Wong Tak Ming, William Operations Manager

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Test Results

Test Item	Result 1	Maximum Permissible Limit
Sensorial examination taste (Point scale)	1.0	2.5

Sample Description:

Silicone Kitchenware

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Simulant Used	Extractable Components (% w/w)	Maximum Permissible Limit (% w/w)	
	1		
3% Acetic Acid (W/V) Aqueous Solution	< 0.1	0.5	
10% Ethanol (V/V) Aqueous Solution	< 0.1	0.5	

Sample Description:

Blue Silicone Rubber

Note: 1. % w/w = percentage of weight by weight

2. < = less than

Test Item	Result (mg/kg)	Maximum Permissible Limit (mg/kg)
Organotin	1	
a) Monobutyltin (MBT)	ND	Absent
b) Dibutyltin (DBT)	ND	Absent
c) Tributyltin (TBT)	ND	Absent
d) Tetrabutyltin (TeBT)	ND	Absent
e) Triphenyltin (TPT)	ND -	Absent
f) Monooctyltin (MOT)	ND	Absent
g) Dioctyltin (DOT)	ND	Absent

Sample Description:

Blue Silicone Rubber

Note: 1. mg/kg = milligram per kilogram of foodstuff in contact with

2. Detection Limit is 0.02 mg/kg

3. ND = Not Detected

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Test Results (Cont'd) :

4)

Test Item	Result	Maximum Parmiasible Limit (ma/ka)
	1 Iwaximur	Maximum Permissible Limit (mg/kg)
Peroxide Value	Absent	Absent

Sample Description:

Blue Silicone Rubber

5)

Test Item	Result (%)	Maximum Permissible Limit (%)
	1	
Volatile Organic Matter (VOM)	< 0.05	0.5

Sample Description:

Blue Silicone Rubber

Note: 1. % = percentage by weight

2. < = less than

Remark:

Photo appendix is included.

*** End of Report ***

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PHOTO APPENDIX



SGS authenticate the photo on original report only

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